

Title (en)
DISPLAY DEVICE

Title (de)
ANZEIGEVORRICHTUNG

Title (fr)
AFFICHEUR

Publication
EP 3393222 B1 20201104 (EN)

Application
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• US 201762488842 P 20170423
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Abstract (en)
[origin: EP3393222A2] A display device is disclosed. In order to achieve air circulation through an inner structure or an outer structure of the display device for efficient heat dissipation, the display device includes a housing, a display module mounted in the housing, a closed-loop air circulation system, and an open-loop air circulation system, wherein the closed-loop air circulation system includes a first channel defined between a front surface of the display module and a front surface of the housing so as to extend along the front surface of the display module, and a second channel defined between one side surface of the display module and one side surface of the housing that is opposite the one side surface of the display module so as to extend along the one side surface of the display module in a longitudinal direction thereof, the first channel being configured to receive air from a first end of the second channel and to discharge the air to a second end of the second channel, and wherein the open-loop air circulation system includes a third channel isolated from the first channel and the second channel, an inlet port for receiving air from the outside through the third channel, and an outlet port for discharging the air to the outside through the third channel.

IPC 8 full level
H05K 7/20 (2006.01)

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Cited by
CN113948012A; CN111326075A

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